

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Original) A method to make a metal fiber, comprising the steps of
  - Providing a foil or plate being composed of metal or metal alloy M1;
  - Applying at a first side of said foil or plate a layer of a second metal or metal alloy M2;
  - Coiling said foil or plate comprising M1 and M2 on a shaft;
  - Rotating said shaft with coiled foil or plate and cutting the end surface of said coiled foil or plate using a cutting tool.
2. (Original) A method to make a metal fiber as in claim 1, comprising an additional step of applying a layer of a third metal or metal alloy M3.
3. (Original) A method to make a metal fiber as in claim 2, wherein additional layers of metal or metal alloys are provided.
4. (Currently amended) A method to make a metal fiber as claimed in one of claims 2 to 3 ~~claim 2~~, wherein said layer of a third metal or metal alloy M3 is applied at the second side of said foil or plate.
5. (Currently amended) A method to make a metal fiber as ~~in one of claims 2 to 4~~ claimed in claim 2, wherein said M3 being selected out of the group consisting of Cu, Ni, Pt, Pd, Ag, Au, Rh, V, W, Fe, Mo, Ir, Al, Ti, Ce or an alloy comprising at least one element out of said group.
6. (Currently amended) A method to make a metal fiber as ~~in one of claims 2 to 4~~ claimed in claim 2, wherein said M3 is present as a metal oxide.

7. (Currently amended) A method to make a metal fiber as ~~in one of claims 2 to 6~~ claimed in claim 2, wherein M3 is applied to said foil or plate by sputtering, spraying thermal spraying, electrolytic coating or dip coating.
8. (Currently amended) A method to make a metal fiber as ~~in one of claims 2 to 7~~ claimed in claim 2, wherein M2 is equal to M3.
9. (Currently amended) A method to make a metal fiber as ~~in one of claims 1 to 8~~ claimed in claim 1, wherein M2 is applied to said foil or plate by sputtering, spraying thermal spraying, electrolytic coating or dip coating.
- 10.(Currently amended) A method to make a metal fiber as ~~in one of claims 1 to 9~~ claimed in claim 1, wherein said metal fiber has a substantially polygon cross section.
- 11.(Currently amended) A method to make a metal fiber as ~~in one of claims 1 to 9~~ claimed in claim 1, wherein said metal fiber has a substantially rectangular cross section.
- 12.(Original) A method to make a metal fiber as in claim 11, wherein said metal fiber has a substantially square cross section.
- 13.(Currently amended) A method to make a metal fiber as ~~in one of claims 1 to 12~~ claimed in claim 1, wherein said metal fiber has an equivalent diameter of less than 150  $\mu\text{m}$ .
- 14.(Currently amended) A method to make a metal fiber as ~~in one of claims 1 to 13~~ claimed in claim 1, wherein M1 provides at least 90% of the surface of a cross section of said metal fiber.

15.(Currently amended) A method to make a metal fiber as ~~in one of claims 1 to 14~~ claimed in claim 1, wherein M1 is stainless steel.

16.(Currently amended) A method to make a metal fiber as ~~in one of claims 1 to 15~~ claimed in claim 1, wherein said M2 is selected out of the group consisting of Cu, Ni, Pt, Pd, Ag, Au, Rh, V, W, Fe, Mo, Ir, Al, Ti, Ce or an alloy comprising at least one element out of said group.

17.(Currently amended) A method to make a metal fiber as ~~in one of claims 1 to 16~~ claimed in claim 1, wherein said M2 is present as a metal oxide.

18.(Original) A metal fiber having a cross section, said cross section having a perimeter, characterized in that said cross section comprises at least a first zone and a second zone, each of said zones providing a part of said perimeter, said first zone being composed of a first metal or metal alloy M1, said second zone being composed of a second metal or metal alloy M2, said M1 being different from said M2, said fiber equivalent diameter is equal or less than 150 $\mu$ m.

19.(Original) A metal fiber as in claim 18, wherein said cross section comprises a third zone providing a part of said perimeter, said third zone being provided out of a metal M3.

20.(Currently amended) A metal fiber as ~~in any one of claims 18 to 19~~ claimed in claim 18, wherein said cross section comprises additional zones providing a part of said perimeter.

21.(Currently amended) A metal fiber as ~~in any one of claims 18 to 20~~ claimed in claim 18, wherein said second zone and said third zone provide parts of said perimeter, opposite to each other.

22.(Currently amended) A metal fiber as ~~in any one of claims 18 to 21 claimed in claim 18~~, wherein said M3 is selected out of the group consisting of Cu, Ni, Pt, Pd, Ag, Au, Rh, V, W, Fe, Mo, Ir, Al, Ti, Ce or an alloy comprising at least one element out of said group.

23.(Currently amended) A metal fiber as ~~in any one of claims 18 to 21 claimed in claim 18~~, wherein said M3 is present as a metal oxide.

24.(Currently amended) A metal fiber as ~~in one of claims 18 to 23 claimed in claim 18~~, wherein said M2 is equal to M3.

25.(Currently amended) A metal fiber as ~~in any one of claims 18 to 24 claimed in claim 18~~, wherein said cross section being substantially polygon.

26.(Currently amended) A metal fiber as ~~in any one of claims 18 to 25 claimed in claim 18~~, wherein said cross section being substantially rectangular.

27.(Original) A metal fiber as in claim 26, wherein said cross section being substantially square.

28.(Currently amended) A metal fiber as ~~in one of claims 18 to 27 claimed in claim 18~~, wherein M1 provides at least 90% of the surface of said cross section.

29.(Currently amended) A metal fiber as ~~in one of claims 18 to 28 claimed in claim 18~~, wherein said M1 is stainless steel.

30.(Currently amended) A metal fiber as ~~in one of claims 18 to 29 claimed in claim 18~~, wherein said M2 is selected out of the group consisting of Cu, Ni, Pt, Pd, Ag, Au, Rh, V, W, Fe, Mo, Ir, Al, Ti, Ce or an alloy comprising at least one element out of said group.

31.(Currently amended) A metal fiber as ~~in one of claims 18 to 29 claimed in claim~~  
18, wherein M2 is present as a metal oxide.